XP-002329830

(C) WPI / DERWENT

AN - 1988-226764 [32]
AP - SU19864055662 19860117
CPY - URAF
DC - M14 S03
FS - CPI;EPI
IC - G01N15/08
IN - AKSENOVA E V; DANILOVA N V; DOROSHKEVI E I
MC - M13-L
- S03-E14C
PA - (URAF) URALS FERROUS METALS RES
PN - SU1368719 A 19880123 DW198832 002pp
PR - SU19864055662 19860117
XA - C1988-101528
XIC - G01N-015/08
XP - N1988-172673
AB - SU1368719 The aluminised steel sample or article is immersed in a soln. of 10% sodium hydroxide and the outer layer of the coating is removed, while the diffusion layer of intermediate remains.
- The presence of the intermetallic layer is determined visually according to its colour, which has a matt dark grey tint. The base is a light colour with a metallic sheen.
- The presence of sections with a light colour and a metallic sheen indicates that there are defects in the coating. USE/ADVANTAGE - Quality control of coatings obtd. by immersing steel articles in aluminium alloy melts.
- Monitoring accuracy is improved.
- Bul.3/23.1.88 (2pp Dwg.No.0/0)
IW - QUALITY CONTROL ALUMINIUM COATING STEEL REMOVE SURFACE LAYER COATING ALKALINE SOLUTION DETERMINE DEFECT ACCORD COLOUR BASE COATING
IKW - QUALITY CONTROL ALUMINIUM COATING STEEL REMOVE SURFACE LAYER COATING ALKALINE SOLUTION DETERMINE DEFECT ACCORD COLOUR BASE COATING
INW - AKSENOVA E V; DANILOVA N V; DOROSHKEVI E I
NC - 001
OPD - 1986-01-17
ORD - 1988-01-23
PAW - (URAF) URALS FERROUS METALS RES
TI - Quality control of aluminium coatings on steel - involves removing surface layer from coating in alkaline soln. and determn. of defects according to different colours of base and coating